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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s gene and assembly and erythromycin

1034429 GENE

135103 ASSEMBLY

16682 ERYTHROMYCIN

L1 31 GENE AND ASSEMBLY AND ERYTHROMYCIN

=> d l1 1-31

L1 ANSWER 1 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 144:185771 CA

TI Semi-synthetic mammalian gene regulatory networks

AU Kramer, Beat P.; Fischer, Monika; Fussenegger, Martin

CS Institute for Chemical and Bio-Engineering (ICB), ETH Hoenggerberg, HCI F115, Swiss Federal Institute of Technology, Zurich, CH-8093, Switz.

SO Metabolic Engineering (2005), 7(4), 241-250

CODEN: MEENFM; ISSN: 1096-7176

PB Elsevier

DT Journal

LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 144:48025 CA

TI Expression of the mef(E) gene encoding the macrolide efflux pump protein increases in Streptococcus pneumoniae with increasing resistance to macrolides

AU Wierzbowski, Aleksandra K.; Boyd, Dave; Mulvey, Michael; Hoban, Daryl J.; Zhanel, George G.

CS Department of Medicine, Health Sciences Centre, Winnipeg, MB, Can.

SO Antimicrobial Agents and Chemotherapy (2005), 49(11), 4635-4640

CODEN: AMACQ; ISSN: 0066-4804

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 144:3009 CA
TI Macrolide efflux in *Streptococcus pneumoniae* is mediated by a dual efflux pump (mel and mef) and is erythromycin inducible
AU Ambrose, Karita D.; Nisbet, Rebecca; Stephens, David S.
CS Department of Medicine, Emory University School of Medicine, Atlanta, GA, 30322, USA
SO Antimicrobial Agents and Chemotherapy (2005), 49(10), 4203-4209
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 141:101044 CA
TI Tn2009, a Tn916-like element containing mef(E) in *Streptococcus pneumoniae*
AU Del Grosso, Maria; d'Abusco, Anna Scotto; Iannelli, Francesco; Pozzi, Gianni; Pantosti, Annalisa
CS Department of Infectious, Parasitic and Immunomediated Diseases, Istituto Superiore di Sanita, Rome, Italy
SO Antimicrobial Agents and Chemotherapy (2004), 48(6), 2037-2042
CODEN: AMACCQ; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 5 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 140:388532 CA
TI Antibiotic-sensitive TolC mutants and their suppressors
AU Augustus, Anne Marie; Celaya, Teresa; Husain, Fasahath; Humbard, Matthew; Misra, Rajeev
CS Department of Chemistry and Biochemistry, Arizona State University, Tempe, AZ, 85287, USA
SO Journal of Bacteriology (2004), 186(6), 1851-1860
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 6 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 140:142318 CA
TI Premature release of polyketide intermediates by hybrid polyketide synthase in *Amycolatopsis mediterranei* S699
AU Hong, Jay Sung Joong; Choi, Cha Yong; Yoon, Yeo Joon
CS Interdisciplinary Program of Biochemical Engineering and Biotechnology, Seoul National University, Seoul, 151-742, S. Korea
SO Journal of Microbiology and Biotechnology (2003), 13(4), 613-619
CODEN: JOMBES; ISSN: 1017-7825
PB Korean Society for Microbiology and Biotechnology
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 7 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 140:24421 CA
TI Gene expression profiles in response to toxic compounds and their use as kidney toxicity predictive genes
IN Kier, Larry; Nolan, Timothy D.; Sankar, Usha; Derbel, Maher

PA Phase-1 Molecular Toxicology, Inc., USA
 SO PCT Int. Appl., 388 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003100030	A2	20031204	WO 2003-US6196	20030227
	WO 2003100030	A3	20041223		
	WO 2003100030	B1	20050506		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2477688	AA	20031204	CA 2003-2477688	20030227
	AU 2003273154	A1	20031212	AU 2003-273154	20030227
	EP 1506396	A2	20050216	EP 2003-741753	20030227
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2002-361128P	P	20020227		
	WO 2003-US6196	W	20030227		

L1 ANSWER 8 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 139:321695 CA
 TI Genes showing altered patterns of expression in liver necrosis and their predictive uses
 IN Kier, Larry; Nolan, Timothy D.; Sankar, Usha; Derbel, Maher
 PA Phase-1 Molecular Toxicology, Inc., USA
 SO PCT Int. Appl., 379 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003085083	A2	20031016	WO 2003-US10141	20030401
	WO 2003085083	A3	20040722		
	WO 2003085083	B1	20040923		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2499636	AA	20031016	CA 2003-2499636	20030401
	AU 2003228425	A1	20031020	AU 2003-228425	20030401
	US 2004076974	A1	20040422	US 2003-404460	20030401
	EP 1495419	A2	20050112	EP 2003-726177	20030401
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2002-369287P	P	20020401		
	WO 2003-US10141	W	20030401		

L1 ANSWER 9 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 139:146392 CA
 TI A 50S ribosomal subunit precursor particle is a substrate for the ErmC methyltransferase in Staphylococcus aureus cells
 AU Champney, W. Scott; Chittum, Harold S.; Tober, Craig L.
 CS J.H. Quillen College of Medicine, Department of Biochemistry and Molecular Biology, East Tennessee State University, Johnson City, TN, 37614, USA
 SO Current Microbiology (2003), 46(6), 453-460
 CODEN: CUMIDD; ISSN: 0343-8651
 PB Springer-Verlag New York Inc.
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 10 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 139:145047 CA
 Correction of: 137:258658
 TI An insertion element responsible for the mefE-associated efflux-driven macrolide resistance in Streptococcus pneumoniae
 IN Gay, Kathryn; Stephens, David S.
 PA Emory University, USA
 SO PCT Int. Appl., 52 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002077196	A2	20021003	WO 2002-US9413	20020325
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005070698	A1	20050331	US 2004-472801	20040126
PRAI	US 2001-278196P	P	20010323		
	WO 2002-US9413	W	20020325		

L1 ANSWER 11 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 137:382118 CA
 TI Molecular epidemiology of erythromycin resistance in Streptococcus pneumoniae isolates from blood and noninvasive sites
 AU Amezaga, Maria Rosario; Carter, Philip E.; Cash, Phillip; McKenzie, Hamish
 CS Department of Medical Microbiology, University of Aberdeen, Aberdeen, AB25 2ZD, UK
 SO Journal of Clinical Microbiology (2002), 40(9), 3313-3318
 CODEN: JCMIDW; ISSN: 0095-1137
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 12 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 137:258658 CA
 TI An insertion element responsible for the mefE-associated efflux-driven macrolide resistance in Streptococcus pneumoniae
 IN Gay, Kathryn; Stephens, David S.

PA Emory University, USA
SO PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DT Patent
LA English

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002077196 A2		20021003	WO 2002-US9413	20020325
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR				
PRAI	US 2001-2001/PV278196		20010323		

L1 ANSWER 13 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 137:212221 CA
TI Rat toxicologically relevant genes and use in microarrays to evaluate toxicity of toxic agents
IN Farris, Georgia; Hicken, Samuel H.; Farr, Spencer B.
PA Phase-1 Molecular Toxicology, Inc., USA
SO PCT Int. Appl., 388 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002066682	A2	20020829	WO 2002-US2935	20020129
	WO 2002066682	A3	20021219		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA	2440008	AA	20020829	CA 2002-2440008	20020129
AU	2002258387	A1	20020904	AU 2002-258387	20020129
EP	1368499	A2	20031210	EP 2002-728330	20020129
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP	2004535776	T2	20041202	JP 2002-566386	20020129
PRAI	US 2001-264933P	P	20010129		
	US 2001-308161P	P	20010726		
	WO 2002-US2935	W	20020129		

L1 ANSWER 14 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 135:287539 CA
TI Production of hybrid polyketides by combinatorial biosynthesis
AU Hranueli, D.; Cullum, J.
CS PLIVA d.d., Istrazivanje i Razvoj, Zagreb, HR-10000, Croatia
SO Kemija u Industriji (2001), 50(7-8), 381-411
CODEN: KJUIAR; ISSN: 0022-9830
PB Hrvatsko Drustvo Kemijskih Inzenjera i Tehnologa
DT Journal; General Review
LA Croatian

L1 ANSWER 15 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 134:362292 CA
 TI Methods of determining individual hypersensitivity to a pharmaceutical agent from gene expression profile
 IN Farr, Spencer
 PA Phase-1 Molecular Toxicology, USA
 SO PCT Int. Appl., 222 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001032928	A2	20010510	WO 2000-US30474	20001103
	WO 2001032928	A3	20020725		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-165398P	P	19991105		
	US 2000-196571P	P	20000411		

L1 ANSWER 16 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 134:112781 CA

TI Synthesis and characterization of the spore proteins of Bacillus subtilis YdhD, YkuD, and YkvP, which carry a motif conserved among cell wall binding proteins

AU Kodama, Takeko; Takamatsu, Hiromu; Asai, Kei; Ogasawara, Naotake; Sadaie, Yoshito; Watabe, Kazuhito

CS Faculty of Pharmaceutical Sciences, Setsunan University, Osaka, 573-0101, Japan

SO Journal of Biochemistry (Tokyo) (2000), 128(4), 655-663

CODEN: JOBIAO; ISSN: 0021-924X

PB Japanese Biochemical Society

DT Journal

LA English

RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 17 OF 31 CA COPYRIGHT 2006 ACS on STN

AN 134:52230 CA

TI DNA manipulation methods and applications for construction of DNA assemblies expressing synthetic enzymes

IN Ranganathan, Anand

PA Qxyz Limited, UK

SO PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077181	A2	20001221	WO 2000-GB2286	20000612
	WO 2000077181	A3	20010510		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 CA 2376559 AA 20001221 CA 2000-2376559 20000612
 EP 1190045 A2 20020327 EP 2000-940533 20000612
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI GB 1999-13694 A 19990611
 WO 2000-GB2286 W 20000612

L1 ANSWER 18 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 132:304979 CA
 TI Formation of functional heterologous complexes using subunits from the
 picromycin, erythromycin and oleandomycin polyketide synthases
 AU Tang, Li; Fu, Hong; McDaniel, Robert
 CS KOSAN Biosciences, Incorporated, Hayward, CA, 94545, USA
 SO Chemistry & Biology (2000), 7(2), 77-84
 CODEN: CBOLE2; ISSN: 1074-5521
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 19 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 132:178166 CA
 TI Effects of chlorophyll availability on fluorescence components of
 photosystems in the ORF469-deletion mutant of cyanobacterium
 AU Qingyu, Wu; Jiujiu, Yu; Nanming, Zhao; Wim, Vermaas
 CS Department of Biological Sciences and Biotechnology, Tsinghua University,
 Beijing, 100084, Peop. Rep. China
 SO Tsinghua Science and Technology (1999), 4(3), 1544-1550
 CODEN: TSTEF7; ISSN: 1007-0214
 PB Editorial Board of Journal of Tsinghua University
 DT Journal
 LA English
 RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 20 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 131:180619 CA
 TI Insertional inactivation of Treponema denticola tap1 results in a
 non-motile mutant with elongated flagellar hooks
 AU Limberger, Ronald J.; Slivienski, Linda L.; Izard, Jacques; Samsonoff,
 William A.
 CS David Axelrod Institute for Public Health, Wadsworth Center, New York
 State Department of Health, Albany, NY, 12201-2002, USA
 SO Journal of Bacteriology (1999), 181(12), 3743-3750
 CODEN: JOBAAY; ISSN: 0021-9193
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 21 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 128:150377 CA
 TI Polyketides and their synthesis in Streptomyces strains transformed with
 hybrid type I polyketide synthases
 IN Leadlay, Peter Francis; Staunton, James; Cortes, Jesus
 PA Biotica Technology Ltd., UK
 SO PCT Int. Appl., 177 pp.
 CODEN: PIXXD2
 DT Patent

LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9801546	A2	19980115	WO 1997-GB1819	19970704
	WO 9801546	A3	19980409		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2259420	AA	19980115	CA 1997-2259420	19970704
	CA 2259463	AA	19980115	CA 1997-2259463	19970704
	AU 9734514	A1	19980202	AU 1997-34514	19970704
	AU 731654	B2	20010405		
	EP 910633	A2	19990428	EP 1997-930631	19970704
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CN 1229438	A	19990922	CN 1997-197649	19970704
	JP 2000511063	T2	20000829	JP 1998-504933	19970704
	PT 909327	T	20051031	PT 1997-930626	19970704
	ES 2244001	T3	20051201	ES 1997-930626	19970704
	EP 1602727	A2	20051207	EP 2005-11520	19970704
	EP 1602727	A3	20060315		
	R: AT, BE, CH, DE, DK, ES, FR, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, AL				
	WO 9854308	A2	19981203	WO 1998-GB1559	19980528
	WO 9854308	A3	19990408		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9876661	A1	19981230	AU 1998-76661	19980528
	EP 983348	A2	20000308	EP 1998-924463	19980528
	EP 983348	B1	20051019		
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	AT 307198	E	20051115	AT 1998-924463	19980528
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	US 1999-424751	A1	19991129		
	US 2002-307595	A3	20021202		

L1 ANSWER 22 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 123:193437 CA
 TI Macrolide antibiotics inhibit 50S ribosomal subunit assembly in
 Bacillus subtilis and Staphylococcus aureus
 AU Champney, W. Scott; Burdine, Robin
 CS Dep. Biochemistry, J. H. Quillen College of Medicine, Johnson City, TN,
 37614, USA
 SO Antimicrobial Agents and Chemotherapy (1995), 39(9), 2141-4
 CODEN: AMACCQ; ISSN: 0066-4804
 PB American Society for Microbiology
 DT Journal
 LA English

L1 ANSWER 23 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 121:273576 CA
 TI Ribosomal protein gene sequence changes in erythromycin
 -resistant mutants of Escherichia coli
 AU Chittum, Harold S.; Champney, W. Scott
 CS Dep. Med., Vanderbilt Univ. Med. Cent., Nashville, TN, 37232, USA
 SO Journal of Bacteriology (1994), 176(20), 6192-8
 CODEN: JOBAAY; ISSN: 0021-9193
 DT Journal
 LA English

L1 ANSWER 24 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 119:109853 CA
 TI Genes for polyketide secondary metabolic pathways in microorganisms and
 plants
 AU Hopwood, David A.; Khosla, Chaitan
 CS John Innes Cent., John Innes Inst., Norwich, NR4 7UH, UK
 SO Ciba Foundation Symposium (1992), 171(Secondary Metabolites: Their
 Function and Evolution), 88-112
 CODEN: CIBSB4; ISSN: 0300-5208
 DT Journal; General Review
 LA English

L1 ANSWER 25 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 119:43936 CA
 TI Heterologous expression in Escherichia coli of an intact multienzyme
 component of the erythromycin-producing polyketide synthase
 AU Roberts, Gareth A.; Staunton, James; Leadlay, Peter F.
 CS Cambridge Cent. Mol. Recogn., Univ. Cambridge, UK
 SO European Journal of Biochemistry (1993), 214(1), 305-11
 CODEN: EJBCAI; ISSN: 0014-2956
 DT Journal
 LA English

L1 ANSWER 26 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 114:222270 CA
 TI An unusually large multifunctional polypeptide in the erythromycin
 -producing polyketide synthase of Saccharopolyspora erythraea
 AU Cortes, Jesus; Haydock, Stephen F.; Roberts, Gareth A.; Bevitt, Debra J.;
 Leadlay, Peter F.
 CS Dep. Biochem., Univ. Cambridge, Cambridge, CB2 1QW, UK
 SO Nature (London, United Kingdom) (1990), 348(6297), 176-8
 CODEN: NATUAS; ISSN: 0028-0836
 DT Journal
 LA English

L1 ANSWER 27 OF 31 CA COPYRIGHT 2006 ACS on STN
 AN 112:92939 CA
 TI A single nucleotide substitution at the rib2 locus of the yeast
 mitochondrial gene for 21S rRNA confers resistance to

erythromycin and cold-sensitive ribosome assembly

AU Cui, Zheng; Mason, Thomas L.
CS Dep. Biochem., Univ. Massachusetts, Amherst, MA, 01003, USA
SO Current Genetics (1989), 16(4), 273-9
CODEN: CUGED5; ISSN: 0172-8083
DT Journal
LA English

L1 ANSWER 28 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 112:71112 CA
TI Isolation of temperature-sensitive mutants of 16S rRNA in Escherichia coli
AU Triman, Kathleen; Becker, Elisa; Dammel, Carol; Katz, John; Mori, Hiro;
Douthwaite, Stephen; Yapijakis, Christos; Yoast, Sienna; Noller, Harry F.
CS Thimann Lab., Univ. California, Santa Cruz, CA, 95064, USA
SO Journal of Molecular Biology (1989), 209(4), 645-53
CODEN: JMOBAK; ISSN: 0022-2836
DT Journal
LA English

L1 ANSWER 29 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 106:170050 CA
TI Homology between Streptomyces genes coding for synthesis of different
polyketides used to clone antibiotic biosynthetic genes
AU Malpartida, F.; Hallam, S. E.; Kieser, H. M.; Motamedi, H.; Hutchinson, C.
R.; Butler, M. J.; Sugden, D. A.; Warren, M.; McKillop, C.; et al.
CS John Innes Inst., Norwich, NR4 7UH, UK
SO Nature (London, United Kingdom) (1987), 325(6107), 818-21
CODEN: NATUAS; ISSN: 0028-0836
DT Journal
LA English

L1 ANSWER 30 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 89:72868 CA
TI A cold-sensitive cytoplasmic mutation of Saccharomyces cerevisiae
affecting assembly of the mitochondrial 50S ribosomal subunit
AU Singh, Arjun; Mason, Thomas L.; Zimmermann, Robert A.
CS Dep. Biochem., Univ. Massachusetts, Amherst, MA, USA
SO Molecular and General Genetics (1978), 161(2), 143-51
CODEN: MGGEAE; ISSN: 0026-8925
DT Journal
LA English

L1 ANSWER 31 OF 31 CA COPYRIGHT 2006 ACS on STN
AN 87:50053 CA
TI A new ribosomal mutation which affects the two ribosomal subunits in
Escherichia coli
AU Pardo, Daniel; Rosset, Roland
CS CNRS, Marseille, Fr.
SO Molecular and General Genetics (1977), 153(2), 199-204
CODEN: MGGEAE; ISSN: 0026-8925
DT Journal
LA English

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L1 31 S GENE AND ASSEMBLY AND ERYTHROMYCIN